MONTANA STATE AVIATION SYSTEM PLAN 1995 UPDATE FIELD INSPECTION FORM

AIRPORT:	FRANK WILEY FIELD (MLS)	AIRPORT REFERENCE CODE:	B-II (LG)
CITY:	MILES CITY	APPROACH TYPE:	NPI
CONTACT:	C. R. UGRIN	DATE INVENTORIED:	1-15-96
PHONE #:	232-1354	INSPECTED BY:	RSD

RUMWAY 4/22 INVENTORY DISTANCE TO: HOLD LINES FROM CENTERLINE: PARALLEL TAXIWAY FROM CONDITION: PARALLEL TAXIWAY FROM CENTERLINE: PARALLEL TAXIWAY FROM CONDITION: PARALLEL T		REQUIRED	ACTUAL	ALP	CONFORM
HOLD LINES FROM CENTERLINE: 200' 145;150%250' NO N/A AIRCRAFT PARKING FROM CENTERLINE: 240' N/A N/A N/A AIRCRAFT PARKING FROM CENTERLINE: 250' N/A	RUNWAY 4/22 INVENTORY				
PARALLEL TAXIWAY FROM CENTERLINE:	DISTANCE TO:				
AIRCRAFT PARKING FROM CENTERLINE: RUNWAY WIDTH: RUNWAY LENGTH: RUNWAY SAFETY AREA (RSA) WIDTH: SOO' RUNWAY JOBICT FREE AREA (OFA) WIDTH: SOO' RUNWAY TRANSITION SURFACE PENETRATIONS: LONGITUDINAL GRADE - SITE DIST. PROBLEMS: OBSTACLE FREE ZONE ANALYSIS: AOO' WIDE x 200 BEYOND	HOLD LINES FROM CENTERLINE:	200'	145',150'&250'		NO
RUNWAY WIDTH: RUNWAY LENGTH: RUNWAY SAFETY AREA (RSA) WIDTH: RUNWAY SAFETY AREA (RSA) WIDTH: RUNWAY OBJECT FREE AREA (OFA) WIDTH: RUNWAY OBJECT FREE AREA (OFA) WIDTH: SOO' OK RUNWAY OBJECT FREE AREA (OFA) WIDTH: SOO' OK PRIMARY TRANSITION SURFACE PENETRATIONS: LONGITUDINAL GRADE - SITE DIST. PROBLEMS: OBSTACLE FREE ZONE ANALYSIS: AVO WIDE x 200 BEYOND PAVEMENT BORE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION: RUNWAY RUNWAY RUNWAY READ INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) OK OK OK ON OK O	PARALLEL TAXIWAY FROM CENTERLINE:	240'			N/A
RUNWAY LENGTH: RUNWAY SAFETY AREA (RSA) WIDTH: RUNWAY OBJECT FREE AREA (OFA) WIDTH: SO0' OK PRIMARY / TRANSITION SURFACE PENETRATIONS: LONGITUDINAL GRADE - SITE DIST. PROBLEMS: OBSTACLE FREE ZONE ANALYSIS: PAVEMENT ENGEL IP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION: RUNWAY 4 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: RUNWAY 9ND ELEVATION: RUNWAY 22 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OK OK JOK JOK JOK JOK JOK JOK	AIRCRAFT PARKING FROM CENTERLINE:	250'	N/A		N/A
RUNWAY SAFETY AREA (RSA) WIDTH:		75'	100'		✓
RUNWAY SAFETY AREA (RSA) WIDTH:	RUNWAY LENGTH:	9,260 (1)		5,680'	75%
RUNWAY OBJECT FREE ÅREA (OFA) WIDTH: PRIMARY / TRANSITION SURFACE PENETRATIONS: LONGITUDINAL GRADE - SITE DIST. PROBLEMS: OBSTACLE FREE ZONE ANALYSIS: PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION: RUNWAY 4 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 22 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 22 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY END ELEVATION: RUNWAY END ELEVATION: RUNWAY END ELEVATION: RUNWAY END ELEVATION: RUNWAY LIGHTING INVENTORY DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: TYPE: MEL - CROUSE HINDS N/A CONDITION: CONDITION: CONDITION: CONDITION: CONDITION: CONDITION: COLOR: THRESHOLD 4 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 10' AVENTAL PROBLEMANT EDGE: MIRL - CROUSE HINDS N/A COLOR: THRESHOLD 22 DISTANCE FROM PAVEMENT EDGE: MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' 0' 0' 0' 0' 0' 0' 0' 0' 0' 0' 0' 0' 0	RUNWAY SAFETY AREA (RSA) WIDTH:	, , ,	OK	,	/
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LONGITUDINAL GRADE - SITE DIST, PROBLEMS: OBSTACLE FREE ZONE ANALYSIS: OBSTACLE FREE ZONE ANALYSIS: 400' WIDE x 200' BEYOND PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): PAVEMENT MARKING TYPE: PAVEMENT MARKING TYPE: PAVEMENT MARKING CONDITION: RUNWAY 4 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) BEYOND RUNWAY END: APPROACH OBSTRUCTIONS: RUNWAY 22 END INVENTORY SAFETY AREA (RSA) BEYOND RUNWAY END: OBJECT FREE AREA (OFA) B		500' W & 7:1	OK		/
OBSTACLE FREE ZONE ANALYSIS: 400' WIDE x 200' BEYOND ✓ PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): 1.5" - 3" NPI NPI PAVEMENT MARKING TYPE: NPI NPI PAVEMENT MARKING CONDITION: POOR N/A RUNWAY 4 END INVENTORY N/A SAFETY AREA (RSA) BEYOND RUNWAY END: 300' OK ✓ OBJECT FREE AREA (OFA) BEYOND RUNWAY END: 300' OK ✓ APPROACH OBSTRUCTIONS: 20:1 NONE ✓ RUNWAY END ELEVATION: 300' OK ✓ RUNWAY 22 END INVENTORY 300' OK ✓ SAFETY AREA (RSA) BEYOND RUNWAY END: 300' OK ✓ OBJECT FREE AREA (OFA) BEYOND RUNWAY END: 300' OK ✓ APPROACH OBSTRUCTIONS: 20:01 NONE ✓ RUNWAY END ELEVATION: 20:01 NONE ✓ RUNWAY END ELEVATION: 20:01 NONE ✓ RUNWAY LIGHTING INVENTORY 20:01 NONE ✓ NAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' WHITE ✓ MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' WHITE					/
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX): 1.5" - 3" NPI NPI V		400' WIDE x 20	0' BEYOND		
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MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' ✓					
MAXIMUM DISTANCE BETWEEN LIGHTS: 10' 10' ✓	DISTANCE FROM PAVEMENT EDGE:	10'	0' (3)		OK
COLOR: RED/GREEN RED/GREEN ✓	MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	10'		✓
	COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

AND 9,260' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 3,430' FOR 75%, 4,220' FOR 95%, AND 4,730' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 5,680'

- (2) RED GLOBES USED FOR RUNWAY PORTION BEHIND DISPLACED THRESHOLD; RUNWAY LIGHT BRAND NOT RECORDED
- (3) THRESHOLD LIGHTS DISPLACED TO SIDE OF PAVEMENT EVEN WITH THRESHOLD BAR

⁽¹⁾ RW LENGTH OF 5,440' FOR 75%@60% LOAD, 7,680' FOR 75%@90% LOAD, 6,750' FOR 100%@60% LOAD,

MONTANA STATE AVIATION SYSTEM PLAN 1995 UPDATE FIELD INSPECTION FORM

AIRPORT:	FRANK WILEY FIELD (MLS)	AIRPORT REFERENCE CODE:	B-II (LG)
CITY:	MILES CITY	APPROACH TYPE:	VISUAL
CONTACT:	C. R. UGRIN	DATE INVENTORIED:	1-15-96
PHONE #:	232-1354	INSPECTED BY:	RSD

	REQUIRED	ACTUAL	ALP	CONFORM
RUNWAY 12/30 INVENTORY				
DISTANCE TO:				
HOLD LINES FROM CENTERLINE:	200'	188' & 150'		NO
PARALLEL TAXIWAY FROM CENTERLINE:	240'	N/A		N/A
AIRCRAFT PARKING FROM CENTERLINE:	250'	N/A		N/A
RUNWAY WIDTH:	75'	100'		✓
RUNWAY LENGTH:	9,260 (1)		5,602'	75%
RUNWAY SAFETY AREA (RSA) WIDTH:	150'	OK		✓
RUNWAY OBJECT FREE AREA (OFA) WIDTH:	500'	OK		✓
PRIMARY / TRANSITION SURFACE PENETRATIONS:	500' W & 7:1	OK		✓
LONGITUDINAL GRADE - SITE DIST. PROBLEMS:		OK		✓
OBSTACLE FREE ZONE ANALYSIS:	400' WIDE x 20	00' BEYOND		✓
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"	1" - 3"		NO
PAVEMENT MARKING TYPE:	BASIC	BASIC (2)		NO
PAVEMENT MARKING CONDITION:		POOR		N/A
DUNIMAY 40 FAID INIVENTORY				
RUNWAY 12 END INVENTORY	2001	OK		
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		/
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		✓
APPROACH OBSTRUCTIONS:	20:1	NONE	0.000.0	✓ N/0
RUNWAY END ELEVATION:			2,628.0	N/A
RUNWAY 30 END INVENTORY				
SAFETY AREA (RSA) BEYOND RUNWAY END:	300'	OK		/
OBJECT FREE AREA (OFA) BEYOND RUNWAY END:	300'	OK		/
APPROACH OBSTRUCTIONS:	20:01	NONE		/
RUNWAY END ELEVATION:			2,623.0	N/A
			,	
DUNINANA LIQUITINI O INNATATORNA				
RUNWAY LIGHTING INVENTORY	4.01	4.01		
DISTANCE FROM PAVEMENT EDGE:	10'	10'		✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'	OK		✓
TYPE:	MIRL - STAKE	MOUNTED CRO	USE HINDS	N/A
CONDITION:		GOOD		N/A
COLOR:	WHITE	WHITE		✓
THRESHOLD 12				
DISTANCE FROM PAVEMENT EDGE:	10'	10'		/
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	7'		NO
COLOR:	RED/GREEN	RED/GREEN		/
		. LED, GILLERY		•
THRESHOLD 30	4			
DISTANCE FROM PAVEMENT EDGE:	10'	8'		NO
MAXIMUM DISTANCE BETWEEN LIGHTS:	10'	7'		NO
COLOR:	RED/GREEN	RED/GREEN		✓

COMMENTS:

(1) RW LENGTH OF 5,440' FOR 75%@60% LOAD, 7,680' FOR 75%@90% LOAD, 6,750' FOR 100%@60% LOAD,

AND 9,260' FOR 100% COVERAGE @ 90% MAXIMUM LOAD; FOR SMALL AIRCRAFT - RW LENGTH OF 3,430' FOR 75%, 4,220' FOR 95%, AND 4,730' FOR 100% COVERAGE, ALP ULTIMATE SHOWN AS 5,602'

(80% OF PRIMARY RUNWAY LENGTH IS 4,544' - CONFORMS)

(2) FIXED DISTANCE / AIMING POINTS PRESENT WITH BASIC MARKINGS

MONTANA STATE AVIATION SYSTEM PLAN 1995 UPDATE FIELD INSPECTION FORM

AIRPORT:	FRANK WILEY FIELD (MLS)	AIRPORT REFERENCE CODE:	B-II (LG)
CITY:	MILES CITY	APPROACH TYPE:	VISUAL
CONTACT:	C. R. UGRIN	DATE INVENTORIED:	1-15-96
PHONE #:	232-1354	INSPECTED BY:	RSD

	REQUIRED		ACTUAL		ALP	CONFORM
TAXIWAY INVENTORY						
TAXIWAY WIDTH:	35'		50'			✓
TAXIWAY SAFETY AREA WIDTH:	79'		OK			✓
TAXIWAY OBJECT FREE AREA WIDTH:	131'		(1)			NO
DIST. FROM CENTERLINE TO FIXED OR MOVEABLE OBJ.	65.5'		42' (1)			NO
PAVEMENT EDGE LIP HEIGHT (MIN AND MAX):	1.5" - 3"		FLUSH- 1"			NO
PAVEMENT MARKING TYPE:			YELLOW			✓
PAVEMENT MARKING CONDITION:			POOR			N/A
TAXIWAY LIGHTING INVENTORY						
DISTANCE FROM PAVEMENT EDGE:	10'		10'			✓
MAXIMUM DISTANCE BETWEEN LIGHTS:	200'		OK			✓
TYPE:	MIRL - STAK	ΕN	MOUNTED CF	ROI	USE HINDS	N/A
CONDITION:			GOOD			N/A
COLOR:	BLUE		BLUE			✓

MISCELLANEOUS	
MISCELLANEOUS	

TYPE OF BEACON: 50' METAL TOWER EAST OF APRON

SIZE OF BEACON: 36"

OTHER LIGHTING AIDS (VASI, PAPI, REIL): 4 & 22 ENDS: SEPCO VASI, GOOD COND (2), 50' FROM PVMT EDGE

4 END: FLASH TECHNOLOGY REILS IN GOOD COND

12 & 30 ENDS: ADB-ALNACO PAPI, NEW COND, 50' FROM PVMT EDGE 30 END: SYLVANIA ELEC. PRODUCTS, REILS, GOOD COND

WINDCONE (CONDITION & COMPLIANCE): WEST OF APRON, LIGHTED, 35' HIGH IN GOOD COND

SEGMENTED CIRCLE (CONDITION & COMPLIANCE): METAL PANEL IN GOOD COND

FENCING: EXCELLENT - CHAIN LINK

SIGNS: (TYPE, CONDITION, PLACEMENT)

TWELVE ADB ALNACO, ALL IN GOOD COND

PLACEMENTS OK

COMMENTS:	
(1) NONFRANGIBLE MLS SIGN EAST OF TAXIWAY "A" - IN TAXIWAY OFA	
(2) ONE VASI BOX HAS A CAVED IN SIDE WITH ONLY SONE OF THE LIGHTS WOKING	